

BOBBY JINDAL
GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20080001
Agency Interest No. 25972

Mr. David Pierpoline
Operations Manager
BP America Production Company
PO Box 3092
Houston, TX 772533092

RE: Part 70 Operating Permit Renewal and Modification, Judge Digby Gas Plant
BP America Production Company, Livonia, Pointe Coupee Parish, Louisiana

Dear Mr. Pierpoline :

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 2260-00023-V5

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN: pgb
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana**

I. Background

BP America Production Co, Judge Digby Gas Plant, an existing oil and gas production facility began operation in 1978. The Judge Digby Gas Plant currently operates under Permit No. 2260-00023-V4, issued January 5, 2007.

This is the Part 70 operating permit renewal and minor modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by BP America Production Company on March 24, 2008, along with additional information dated June 27, 2008, requesting a Part 70 operating permit renewal and modification.

III. Description

The Judge Digby Gas Plant is a natural gas production facility. The site receives piped product from several well sites in the Judge Digby Gas Field. Line heaters are used as needed to prevent hydration formation in the produced condensate. The gas, condensate and water are routed to a series of separation units and then sent to one of three processing trains.

Train 1 is used to process sour gas through an Amine Sweetening Unit (ASU), which removes Carbon Dioxide (CO₂) and Hydrogen Sulfide (H₂S). VOC emissions from the acid gas stream produced in the Amine Sweetening Unit will be controlled by a BTEX stripping system as approved under the LDEQ MACT Final compliance plan CC-92089, issued on April 21, 1999. The stripping system removes BTEX components from the rich amine liquid stream using natural gas. The gas, with BTEX components entrained, is then routed to the plant fuel gas system. The rich amine is then heated to remove the carbon dioxide, hydrogen sulfide and the remaining VOC's including the BTEX. The resultant gas stream is mostly carbon dioxide, which is uneconomical to combust, thus the gas stream is vented to the atmosphere. This stream is identified as the emissions from the JUGSA054 Amine Sweetening Unit, EQT 11. The process achieves a minimum 70% removal of BTEX from the Acid Gas Vent, (Note that the Acid Gas Vent is the physical emission point of the ASU, EQT 11). The sweet gas from the ASU is routed to the Glycol Dehydration Unit of Train 1 to remove any remaining water. The glycol still column emissions are routed through a condenser, with the remaining gas directed to the Control Flare. Emissions from the glycol flash tank are routed to the glycol Reboiler and used as fuel. Dry gas from the Glycol Dehydration Unit is sent to sales by pipeline.

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana**

Train 2 and 3 send sour gas directly to the respective Glycol Dehydration units. A condenser is used on the glycol still column to recover liquid product and the remaining gas is routed to the Control Flare. Emissions from the glycol flash tank are routed to the glycol Reboiler and used as fuel. The dried sour gas is routed to a sales pipeline, where another company sweetens the gas prior to final usage. Condensate from the initial separation units is piped to one of the two facility stock tanks for storage prior to being loaded in to tank trucks. Produced water is stored in the two facility storage tanks prior to being re-injected into the underground formation.

The Control Flare, JUGFE 124, controls vapors from Train 1, Train 2, and Train 3 glycol dehydration still column vents, the TEG vent scrubber, the production tanks and the associated surge tank, the produced water tanks, the bad oil tank, and the media filter vent/tank. The Control Flare System is equipped with an electronic continuous pilot providing automatic ignition and re-ignition. An electronic fire-eye is used to provide continuous pilot flame monitoring.

The Blow Down Flare, JUGFE123, allows as needed control of well blow downs, plant blow downs, compressor blow downs, surplus fuel relief, high and low pressure PSV and burst plate relief, vessel line and vessel depressurizations, separator relief valves and control valves, and other such discharges associated with facility maintenance/testing and emergency operations. The Blow Down Flare system is equipped with an electronic continuous pilot providing automatic ignition and re-ignition. An electronic fire-eyes is used to provide continuous pilot flame monitoring.

The facility utilizes up to six (6) compressor units (four existing 4-stroke rich burn engines with NSCR -EQT 29, 30, 31, and 32 with a site rating of less than 500 hp, and two existing 4-stroke lean burn stationary RICE units, EQT 33 and 34 with a proposed site rated less than 1500 hp on an as needed basis to optimize production capacity.

The facility will also conduct temporary well-site flaring on an as needed basis with emissions allocated to Source ID No. JUGFE151, Temporary Well-site Flaring. This operation is conducted to provide as control of natural gas releases during well work over, pipeline maintenance and depressurization, well blow downs and/or unloading, well preparation prior to plugging and abandoning, and other maintenance/testing operations in the field.

In this renewal/modification, BP America requests the changes in the permit as follows:

- Modify source information for EQT 10, JUGTK041 – 1000 bbl Bad Oil Tank (T-1009) to reflect the emissions based on annual throughput of 5000 bbl/yr (increased from 1825 bbl/yr)

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

- Reconcile emission rates for each source, as applicable; to reflect liquids analysis, gas analysis, corrections/changes to methodology, and the emissions with updated emission factors.
- Revise all emission points to correct/modified discharge parameters. Emission Point EIQ sheets are revised including a unique coordinate pair (UTM and Lat/Long) approximating the location of the stack or vent.
- Revise EQT 04, JUGHT009 - Standby Train 1 Glycol Reboiler (H-2002) to reflect a change/correction in the source description only. The source was previously described as "TEG Regen Process Heater".
- Modify EQT 06, JUGTK037 – 210 bbl Slug/Service Tank (T-1820) to reflect a change of the source description. The source was previously described as "Slug Tank – 210 bbl". Reconcile potential to emit calculations based on glycol (TEG) service with no change to allowable throughput.
- Modify FUG01 and FUG02 to reflect Equipment Leaks and Non-Equipment Leaks respectively.
- Revise the following sources to reflect reconciled emissions based on using the actual site-rated horsepower. The currently authorized emissions are based on a maximum horsepower of 499 hp for each engine. The site-rated horsepower for each engine is noted in the listed source description.

EQT 029	JUGCE152	Compressor Engine No. 1 - 472 hp w/NSCR*
EQT 030	JUGCE153	Compressor Engine No. 2 - 420 hp w/NSCR*
EQT 031	JUGCE154	Compressor Engine No. 3 - 490 hp w/NSCR*
EQT 032	JUGCE155	Compressor Engine No. 4 - 490 hp w/NSCR*

*NSCR - Non Selective Catalytic Reduction

- Incorporate revisions and/or additions to the General Condition XVII Activities List.
- Delete one (1) 65 bbl TEG tank from the Insignificant Activities List.
- Revise the permit Insignificant Activities List to reflect an updated inventory of organic liquids storage tanks (1A-Org. Tank), any changes in service or properties of the organic liquids stored, and update emissions calculations, as appropriate.
- Delete Specific Requirement Nos. 36, 69, and 84 for EQT 014, JUGGR091 (Train 1 Glycol Moisture Vent), EQT 017, JUGGR126 (Train 2 Glycol Moisture Vent), and EQT 021, JUGGR143 (Train 3 Glycol Moisture Vent). These specific requirements are assigned to the three existing dehydration units and includes references to a 1990-1991 compliance order and subsequent permit 2260-00023-01 associated with a dehydration unit that no longer exists. The dehydration unit that existed in 1991, ID 80-006, was deleted and replaced by the three existing dehydration trains, EQT 14, 17, and 21. These existing dehydrators were permitted and

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana**

constructed in 1998 or later and are not subject to the Compliance Order. The amended permit of January 5, 2007 concurs with the determination that the existing dehydration units are NOT subject to the requirements of LAC 33:III.2115 or Chapter 51, but instead to the requirements of LAC 33:III.2116.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	3.61	4.22	+0.61
SO ₂	16.40	20.84	+4.44
NO _x	139.19	144.92	+5.73
CO	168.95	176.14	+7.19
VOC *	150.34	150.53	+0.19
H ₂ S	48.50	48.54	+0.04

VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):	
Pollutant	Proposed
Benzene	50.44
Toluene	40.67
Ethylbenzene	1.14
Xylene	12.07
n-Hexane	0.74
Formaldehyde	9.42
Methanol	0.02
Diethanolamine (DEA)	0.08
Total	114.58
Other VOCs	35.95

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana**

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS) do not apply. However, National Emission Standards for Hazardous Air Pollutants (NESHAP) does apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, on <date>, 2008; and in The St. Bernard Voice, Arabi, on <date>, 2008. A copy of the public notice as mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

VII. Effects on Ambient Air

Emissions associated with the proposed renewal were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

Dispersion Model(s) Used: None

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Standard or (National Ambient Air Quality Standard {NAAQS})
-	-	-	-

VIII. General Condition XVII Activities

ID	Description	Emission Rates – tons per year				
		PM ₁₀	SO ₂	NO _X	CO	VOC
GC-01	Sampling of Oil and Natural Gas	-	-	-	-	0.03
GC-02	Combustion Engine Shutdown/Maintenance	-	-	-	-	0.41
GC-03	Pump Preparation/Maintenance	-	-	-	-	0.03
GC-04	Line Preparation/Maintenance	-	-	-	-	0.03
GC-05	Vessel Preparation/Maintenance	-	-	-	-	0.43
GC-06	Filter Replacement	-	-	-	-	0.01
GC-07	Instrumentation Mechanical Work	-	-	-	-	0.01
GC-08	Tank/Sump Cleaning for Inspection/Service	-	-	-	-	0.08
GC-09	Shop Work on Unit Equipment	-	-	-	-	0.02
GC-10	Safety Inspection on Pressure/Vacuum Vents	-	-	-	-	0.01
GC-11	Tank Gauging	-	-	-	-	0.18
GC-12	Vacuation of Loading Lines	-	-	-	-	0.13
GC-13	Valve Maintenance	-	-	-	-	0.10
GC-14	Well Unloading/Temporary Frac Tank usage	-	-	-	-	2.63
Total						4.08

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana**

IX. Insignificant Activities

ID No.:	Description	Citation
1A-Org Tank	Ten (10) Corrosion Inhibitor Tanks (550 gal)	LAC 33:III.501.B.5.A.3.
	Ten (10) Paraffin Inhibitor Tanks (550gal)	LAC 33:III.501.B.5.A.3.
	Five (5)-Scavenger Tanks (550gal)	LAC 33:III.501.B.5.A.3.
	Four (4) -Lube Oil Tanks (500gal)	LAC 33:III.501.B.5.A.3.
	Two (2)-Antifreeze Glycol Tanks (500gal)	LAC 33:III.501.B.5.A.3.
	Ten (10)-Corrosion Inhibitor Tanks (550 gal)	LAC 33:III.501.B.5.D.
	Ten (10)-Paraffin Inhibitor Tanks (550 gal)	LAC 33:III.501.B.5.D.
1A-Line Heater	Four (4)-Line Heater-1.0MMBTU/hr	LAC 33:III.501.B.5.A.1.
	Two (2)-Line Heater -2.0MMBTU/hr	LAC 33:III.501.B.5.A.1..
1A-Emerg. Gen	Thirteen (13)-Wellsite Emergency Generators	LAC 33:III.501.B.5.B.32
1A-Emerg. Flare	Six (6)-Emergency PRV Flares-Wellhead	LAC 33:III.501.B.A5.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																				
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	2121	2122	22	29*	51*	53*	56	59*
GRP004	Plant Wide	1	1	1	1							1					2	1	1	1	1	3
EQT 0001	JUGTK004-Stock Tank-2000 bbl [T-4000-1]																					
EQT 0002	JUGHT006-EG Heater (Furnace) Stack 1A - [H-8202]									2	1											
EQT 0003	JUGHT007-EG Heater (Furnace) Stack 1B-[H-8203]																					
EQT0004	JUGHT009-Standby Train 1 Glycol Reboiler [H-2202]																					
EQT0005	JUGTK034-EG Tank - 517 bbl [T-8204]																					
EQT0006	JUGTK037-Slugs/Service Tank - 200 bbl [T-1820]																					
EQT0007	JUGTK037-Amine Tank - 1500 bbl [T-1823]																					
EQT0008	JUGTK039 - TEG Tank - 500 bbl [T-2210]																					
EQT0009	JUGTK040-Surge Tank - 3333 bbl [T-1005]																					
EQT010	JUGTK041-Bad Oil Tank - 1000 bbl [T-1009]																	2				
EQT011	JUGSA054-Amine Sweetening Unit-Acid Gas Vent	1										3						1				1

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter																			
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	2121	2122	22	29*	51*	53*	56
EQT0012	JUGTK070-Amine Tank - 500 bbl [T-1807]							3													
EQT0013	JUGTK073-Tank Truck Loading									3											
EQT0014	JUGGR091-Train 1 Glycol Moisture Vent																3				
EQT0015	JUGFE-Blowdown Flare [0-5003]	1		1	3	3												2			
EQT0016	JUGFE124-Control Flare [0-5004]	1		1	3	1	1										1	2			
EQT0017	JUGGR126-Train 2 Glycol Moisture Vent	1															3	1			3
EQT0018	JUGHR140-Train 2 Glycol Reboiler [H-2330]									1	1	3									2
EQT0019	JUGHR141-Train 1 Glycol Reboiler [H-2300]									1	1	3									2
EQT0020	JUGHR142-Train 3 Glycol Reboiler [H-2430]									1	1	3									2
EQT0021	JUGGR143-Train 3 Glycol Moisture Vent									1							3	1			3
EQT0022	JUGVS144-Media Filter Backlash Vent																				

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III. Chapter																			
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	2121	2122	22	29*	51*	53*	56
EQT0023	JUGTK145-Media Filter Water Tank-500 bbl [T-1010]																				
EQT0024	JUGTK147-Standby Saltwater Tank ~ 2000 bbl [T-3500-2]																				
EQT0025	JUGTK148- Saltwater Tank-2000 bbl [T-3500-1]																				
EQT0026	JUGTK149-Standby Stock Tank-2000 bbl [T-4000-2]																				
EQT0027	JUGTK150-Methanol Storage Tank - 550 bbl																				
EQT0028	JUGFE151-Temporary Wellsite Flaring	1	1	1	3	3															2
EQT0029	JUGCE152-Compressor Engine No. 1-472 hp w/NSCR	1	1	1	1	3															2
QT0030	JUGCE153-Compressor Engine No. 2-420 hp w/NSCR	1	1	1	1	3															2
QT0031	JUGCE154-Compressor Engine No. 3-490 hp w/NSCR	1	1	1	1	3															2
QT0032	JUGCE155-Compressor Engine No. 4-490 hp w/NSCR	1	1	1	1	3															2
QT0033	JUGCE156-Compressor Engine No. 5- <1500 hp Lean	1	1	1	1	3															2

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter																			
		2	5▲	9	11	13	15	2103	2104*	2107	2111	2113	2115	2116*	2121	2122	22	29*	51*	53*	56
QTU034	JUGCE157-Compressor Engine No. 6- <1500 hp Lean		1	1	1	3											2				
FUG0001	JUGFL001-Fugitive – Equipment Leaks					1					1					3	3				
FUG0002	JUGFU082-Fugitives – Non-Equipment Leaks						1				1					3	3				

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III:501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						Part 61			MACT 40 CFR Part 63				40 CFR Part			
		A	Dc	K	Ka	Kb	KKK	LLL	JJJ	A	HH	HHH	ZZZZ	64	68	70	82	
GRP004	Plant Wide	3								3	1					3	1	2
EQT 0001	JUGTK004-Stock Tank-2000 bbl [T-4000-1]			3	3	3												
EQT 0002	JUGHT006-EG Heater (Furnace) Stack 1A-[H-8202]			2														
EQT 0003	JUGHT007-EG Heater (Furnace) Stack 1B-[H-8203]			2														
EQT0004	JUGHT009-Standby Train 1 Glycol Reboiler [H-2202]																	
EQT0005	JUGTK034-EG Tank - 517 bbl [T-8204]									3								
EQT0006	JUGTK037-Slug/Service Tank - 200 bbl [T-1820]									3								
EQT0007	JUGTK039-Amine Tank - 1500 bbl [T-1823]									3								
EQT0008	JUGTK039 - TEG Tank - 500 bbl [T-2210]									3								
EQT0009	JUGTK040-Surge Tank - 3333 bbl [T-1005]			3	3	3									3			
EQT010	JUGTK041-Bad Oil Tank - 1000 bbl [T-1009]			3	3	3									3			
EQT011	JUGSA054-Amine Sweetening Unit -Acid Gas Vent									2						2		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.	Description	40 CFR 60 NSPS						Part 61			MACT 40 CFR Part 63			40 CFR Part			
		A	Dc	K	Ka	Kb	KKK	LLL	JJJ	A	HH	HHH	ZZZZ		64	68	70
EQT0012	JUGTK070-Amine Tank - 500 bbl [T-1807]																
EQT013	JUGTK073-Tank Truck Loading																
EQT014	JUGR091-Train 1 Glycol Moisture Vent																2
EQT0015	JUGFF123-Blowdown Flare [0-5003]																
EQT0016	JUGFE124-Control Flare [0-5004]																
EQT0017	JUGGR126-Train 2 Glycol Moisture Vent																
EQT0018	JUGHR140-Train 2 Glycol Reboiler [H-2330]																2
EQT0019	JUGHR141-Train 1 Glycol Reboiler [H-2300]																
EQT0020	JUGHR142-Train 3 Glycol Reboiler [H-2430]																
EQT0021	JUGGR143-Train 3 Glycol Moisture Vent																2
EQT0022	JUGVS144-Media Filter Backlash Vent																
EQT0023	JUGTK145-Media Filter Water Tank-500 bbl [T-1010]																
EQT0024	JUGTK147-Standby Saltwater Tank - 2000 bbl [T-3500-2]																
EQT0025	JUGTK148- Saltwater Tank-2000 bbl [T-3500-1]																
EQT0026	JUGTK149-Standby Stock Tank-2000 bbl [T-4000-2]																3
EQT0027	JUGTK150-Methanol Storage Tank - 500 bbl																3

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						Part 61			MACT 40 CFR Part 63				40 CFR Part 77		
		A	Dc	K	Ka	Kb	KKK	LLJ	JJJ	A	A	HH	HHH	ZZZZ	64	68	70
EQT0028	JUGFE151-Temporary Well site Flaring																
EQT0029	JUGCE152-Compressor Engine No. 1-472 hp w/NSCR								3							2	3
EQT0030	JUGCE153-Compressor Engine No. 2-420 hp w/NSCR								3							2	3
EQT0031	JUGCE154-Compressor Engine No. 3-490 hp w/NSCR									3						2	3
EQT0032	JUGCE155-Compressor Engine No. 4-490 hp w/NSCR									3						2	3
EQT0033	JUGCE156-Compressor Engine No. 5- <1500 hp Lean									3						2	3
EQT0034	JUGCE157-Compressor Engine No. 6- <1500 hp Lean									3						2	
FUG0001	JUGFL001-Fugitive – Equipment Leaks								3							3	
FUG0002	JUGFU082-Fugitives – Non-Equipment Leaks								3							3	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 0001, EQT0009, EQT0010 and EQT0023 to EQT0026 JUGTK004, JUGTK040, JUGTK041, JUGTK145, JUGTK147, JUGTK148 and JUGTK149. Stock Tank, Surge Tank, Bad Oil Tank, Media Filter Water Tank, Standby Saltwater Tank, and Standby Stock Tank	NSPS Subpart K – Standards of Performance for Storage Vessels for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Storage vessels for petroleum or condensate stored, processed, and/or treated at a drilling and production facility prior to custody transfer. [40 CFR 60.110(b)]
	NSPS Subpart Ka – Standards of Performance for Storage Vessels for Petroleum liquids for Which Construction, Reconstruction, or Modification Commences after May 18, 1978 and Prior to July 23, 1984. [40 CFR 60.110a]	DOES NOT APPLY. Petroleum liquid storage vessels with a capacity of less than 1,589,873 liters 420,000 gallons used for petroleum or condensate stored, processed, or treated prior to custody transfer. L40 CFR 60.110a(b)]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 0001, EQT0009, EQT0010 and EQT0023 to EQT0026 JUGTK004, JUGTK040, JUGTK041, JUGTK145, JUGTK147, JUGTK148 and JUGTK149. Stock Tank, Surge Tank, Bad Oil Tank, Media Filter Water Tank, Standby Saltwater Tank, Saltwater Tank, and Standby Stock Tank (continued)	NSPS Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY: Vessels with a design capacity less than or equal to 10,000 bbl used for petroleum or condensate stored, processed, or treated prior to custody transfer. [40 CFR 60.110B(d)(4)]
	Control of Organic Compound Emissions, Storage of Volatile Organic Compounds [LAC 33.III.2103]	EXEMPT: Storage tanks with capacity less than 420,000 gallons used for crude oil or condensate storage prior to custody transfer. [LAC 33.III.2103.G.3]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 0001, EQT0009, EQT010 and EQT0026 JUGTK004, JUGTK040, JUGTK041, and JUGTK049 Stock Tank, Surge Tank, Bad Oil Tank, and Standby Stock Tank	Oil and Gas Production Facilities [NESHAP 40.CFR 63, Subpart HH]	DOES NOT APPLY: Because the storage vessels do not meet the definition of storage vessel with the potential to flash emissions. [40 CFR 63.761]
EQT0002, EQT0003 JUGHT006, JUGHT007 EG Heater Furnace IA, EG Heater Furnace IB	Emission Standards for Sulfur Dioxide [LAC 33:III.Chapter 15] Control of Emission of Nitrogen Oxides (NO _x) [LAC 33:III.Chapter 22]	EXEMPT: Single point sources that emit or have potential to emit less than 250 tons per year of sulfur compounds measured as sulfur dioxide and are therefore exempt.[LAC 33:III.1513.C] EXEMPT: Heaters (Furnaces) rated at 40.36 MM/BTU/hr are exempt from applicability. [LAC 33:III.2201.C.1]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT0002, EQT0003 JUGHT006, JUGHT007 EG Heater Furnace IA, EG Heater Furnace IB (continued)	NSPS Part 60 Subpart Dc - Standards of Performance for Small Industrial-Commercial -Institutional Steam Generating Units [40 CFR 60.40c-48c]	EXEMPT: Units were constructed prior to June 9, 1989 and are exempt from applicability. [40 CFR 60.40c(a)]
EQT0004, EQT0018 to EQT0020 JUGHT009, JUGGR140, JUGGR141, and JUGGR142 Standby Train 1, Train 2, and Train 3 Glycol Reboilers	Emission Standards for Sulfur Dioxide [LAC 33:II:Chapter 15]	DOES NOT APPLY: Because the single point sources that emit or have the potential to emit less than 5 tons per year of sulfur dioxide into the atmosphere. [LAC 33:III.1502.A.3]
	Control of Emission of Nitrogen Oxides (NO _x) [LAC 33:II:Chapter 22]	EXEMPT: Because these boilers/process heaters with a maximum rated capacity less than 80 MMBTU/hr. in the region of influence are exempt from applicability . [LAC 33:II.2201.C.1]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EG, Amine, TEG Tanks EQT0005-JUGTK034-EG EQT0006 -JUGTK037 -Slug/TEG EQT0007 -JUGTK038-Amine EQT0008-JUGTK039-TEG EQT0012-JUGTK070-Amine	Control of Organic Compound Emissions, Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY: These storage vessels store a liquid with a true vapor pressure less than 0.5 psia. [LAC 33:III.2103.A]
	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels. [40 CFR 60.110B-117B]	DOES NOT APPLY. Storage vessel with a capacity greater than or equal to 151 m ³ (950 bbl) storing a liquid with a maximum true vapor pressure less than 0.5 psia or with a capacity greater than or equal to 75 m ³ (475 bbl) storing a liquid with a maximum true vapor pressure less than 2.2 psia. [40 CFR 60.110b(b)]
EQT0011-JUGSA054 Amine Sweetening Unit	NSPS Subpart LLL- Standards of Performance of Natural Gas Processing SO ₂ Emissions [40 CFR 60.640-648]	EXEMPT: The amine sweetening unit at the facility was constructed in 1980 and exempt from applicability. [40 CFR 60.640(d)]
	Compliance Assurance Monitoring (CAM) [40 CFR Part 64]	EXEMPT: The facility meets the exemption from applicability criteria per 64.2(b)(1)(vi)

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT0011-JUGSA054 Amine Sweetening Unit (continued)	Emission Standards for Sulfur Dioxide Emission Limitations [LAC 33:III. Chapter 15]	DOES NOT APPLY: Single Point Sources that emit or have the potential to emit less than 5 tons per year of sulfur dioxide into the atmosphere. [LAC 33:III. 1502.A.3]
Methanol Tank EQT0027-JUGTK150MEOH	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels. [40 CFR 60.110b-117b])	DOES NOT APPLY: Storage vessel with a capacity less than 75m ³ (19,800 gal). [40 CFR 60.110b(a)]
Flares EQT0015-JUDFE123-Blowdown. EQT0028-JUGFE123-Wellsite	Emission Standards for Sulfur Dioxide [LAC 33:III. Chapter 15]	DOES NOT APPLY: The positions of this chapter do not apply to single point sources that emit or have the potential to emit less than 5 tons per year of sulfur dioxide into the atmosphere, [LAC 33:III. 1502.A.3.]
Flares EQT0015-JUGFE123-Blowdown EQT0016-JUGFE124-Control EQT0028-JUGFE151-Wellsite	Emission Standards for Particulate Matter [LAC 33:III. 1311.C]	DOES NOT APPLY: Flares that are non-smoking do not emit particulate matter. [LAC 33:III.1301.B]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Flares EQT0015-JUGFE123-Blowdown EQT0016-JUGFE124-Control EQT0028-JUGFE151-Wellsite (continued)	Control of Emission of Nitrogen Oxide (NOx) [LAC 33:III.Chapter 22]	EXEMPT: This equipment is exempted as per LAC 33:III.2201.C.7
Flares EQT0016-JUGFE124-Control	Emission Standards for Sulfur Dioxide, Emission Limitations. [LAC 33:III.1503.C]	EXEMPT: Single point sources that emit or have the potential to emit less than 250 tons per year of sulfur compounds measured as sulfur dioxide.
Fugitive Emissions FUG0001-JUGFU081 FUG0002-JUGFU082	Control of Organic Compound Emission Emissions, Fugitive Control [LAC 33:III.2121]	DOES NOT APPLY: Oil and Gas production facilities are not subject to this regulation. [LAC 33:III.2121.A]
	Control of Organic Compound Emission Emissions, Fugitive Control for Ozone Nonattainment Areas and Specified Parishes [LAC 33:III.2122]	DOES NOT APPLY: Oil and Gas production facilities are not subject to this regulation. [LAC 33:III.2122.A]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Fugitive Emissions FUG0001-JUGFU081 FUG0002-JUGFU082 (continued)	NSPS Subpart KKK -Standards of Performance of Equipment Leaks of VOC from Onshore Natural Gas Processing Plants [40 CFR 60.630-636]	DOES NOT APPLY: Oil and Gas production facilities are not subject to this regulation. [40 CFR 60.630(a)(1)]
	Oil and Natural Gas Production Facilities [NESHAP 40 CFR 63, Subpart HH]	DOES NOT APPLY. The ancillary equipment (fugitive components) is not part of a natural gas processing plant. [40 CFR 63.760(b)(3)]
Glycol Still Columns EQT0014-JUGGR091 Train 1 EQT0017-JUGGR126 Train 2 EQT021-JUGGR143 Train 3	Waste Gas Disposal [LAC 33:III.2115]	DOES NOT APPLY. The potential to emit of each dehydrator unit is below 100 lbs VOC/day. Therefore, the dehydrator vents are exempt from the requirements of this Section per LAC 33:III.2115H.1.c (less than 100 lbs VOC/day). The units are subject to and comply with the requirements of LAC 33:III.2116.
Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	Compliance Assurance Monitoring (CAM) [40 CFR Part 64]	DOES NOT APPLY. The dehydration units are not defined as major stationary sources of toxic air pollutants in LAC 33:III. Chapter 51, nor were the units major sources controlled to minor source status upon promulgation of Chapter 51. [LAC 33:III.5101.A and B] EXEMPT: The unit meets the exemption from applicability criteria per 40 CFR 64.2(b)(1)(vi)

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Glycol Still Columns EQT0014-JUGGR091 Train 1 EQT0017-JUGGR126 Train 2 EQT021-JUGGR143 Train 3 (continue)	Oil and Natural Gas Production Facilities [NESHAP 40 CFR 63, Subpart HH]	EXEMPT: Each dehydration unit process vent (w/actual average benzene emissions less than 1.0 tpy is subject to MACT HH but exempt from general requirements [63.764(e)(1)]
IC Engines EQT0029-JUGCE152-Eng .No. 1 EQT0030-JUGCE153-Eng .No. 2 EQT0031-JUGCE154-Eng. No. 3 EQT0032-JUGCE155-Eng. No. 4 EQT0032-JUGCE156-Eng. No. 5 EQT0033-JUGCE157-Eng. No. 6	Emission Standards for Sulfur Dioxide [LAC 33:III. Chapter 15]	DOES NOT APPLY: Single point sources that emit or have the potential to emit less than 5 tons per year of sulfur dioxide into the atmosphere do not come under this chapter. [LAC 33:III.1502.A.3]
IC Engines EQT0029-JUGCE152-Eng .No. 1 EQT0030-JUGCE153-Eng .No. 2 EQT0031-JUGCE154-Eng. No. 3 EQT0032-JUGCE155-Eng. No. 4	Control of Emission of Nitrogen Oxides (NO _x) [LAC 33: III. Chapter 22]	EXEMPT: Because the engines emit less than 50 tpy of NO _x [LAC 33:III.2201.B]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
IC Engines EQT0029-JUGCE152-Eng. No. 1 EQT0030-JUGCE153-Eng. No. 2 EQT0031-JUGCE154-Eng. No. 3 EQT0032-JUGCE155-Eng. No. 4 (continued)	NSPS 60 Subpart JJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230-4248]	DOES NOT APPLY: The provision of NSPS 60 Subpart JJJ are not applicable to existing (constructed/reconstructed or modified prior to June 12, 2006) SI RICE engines. 40 CFR 60.4230(a)
NESHAP 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Recordkeeping Internal Combustion Engines [40 CFR 63.6580-6676]	NESHAP 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Recordkeeping Internal Combustion Engines [40 CFR 63.6590(b)(3)]	EXEMPT: Existing (constructed/reconstructed prior to June 12, 2006) 4SRB stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source do not have to meet the requirements of NESHAP 63 Subpart ZZZZ or Subpart A. No initial notification is necessary. [40 CFR 63.6590(b)(3)]
Compliance Assurance Monitoring (CAM) [40 CFR Part 64]	Control of Emission of Nitrogen Oxides (NO _x) [LAC 33:III.Chapter 22]	DOES NOT APPLY: The pre-control potential to emit of each pollutant at each emission unit is less than the threshold value for major source [40 CFR 64.2(a)(3)] EXEMPT: Lean burn engines rated less than 1500 hp are exempt from applicability. [LAC 33:III.2201.C.3.b]

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
Agency Interest No.: 25972
BP America Production Co
Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
IC Engines EQT0033 – JUGCE156-Eng. No. 5 EQT0034 –JUGCE157- Eng. No. 6 (continued)	NSPS 60 Subpart JJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230-4248]	DOES NOT APPLY: The provision of NSPS 60 Subpart JJJ are not applicable to existing (constructed/reconstructed or modified prior to June 12, 2006) SI RICE engines. 40 CFR 60.4230(a)
	NESHAP 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Recordkeeping Internal Combustion Engines [40 CFR 63.6580-6676]	EXEMPT: Existing (constructed/reconstructed prior to June 12, 2006) 4SRB stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source do not have to meet the requirements of NESHAP 63 Subpart ZZZZ or Subpart A. No initial notification is necessary.40 CFR 63.6590(b)(3)]
Tank Truck Loading EQT0013- JUGLT073	Control of Organic Compound Emissions, Loading [LAC 33:III.2107]	DOES NOT APPLY: This section does not apply to crude or condensate loading facilities per LAC 33:III.2107.F.a.
GRP004 Entire Facility	Control of Emission of Nitrogen Oxides (NO _x) [LAC 33:III.Chapter 22]	EXEMPT: The engines emit less than 50 tpy of NO _x [LAC 33:III.2201.B]
	Chemical Accident of Prevention and Minimization of Consequences [LAC 33:III.Chapter 59]	DOES NOT APPLY: Facility does not store or process any substances listed in 60 CFR 68.130 Table 559.0 of this section or Table 59.1 of LAC 33:III.5913 in quantities greater than the threshold quantities.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Judge Digby Gas Plant
 Agency Interest No.: 25972
 BP America Production Co
 Livonia, Pointe Coupee Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
GRP004 Entire Facility (continued)	Chemical Accident Preventive Provisions [40 CFR Part 68]	DOES NOT APPLY: The facility does not store any required substance above the applicable threshold limits.
	NSPS – Standards of Performance for New Stationary Sources [40 CFR Part 60 Subpart A]	DOES NOT APPLY: There are no New Source Performance Standard (NSPS) affected facilities at this site.
	NESHAP – National Emission Standards for Hazardous Air Pollutants [40 CFR 61 Subpart A]	DOES NOT APPLY: There are no sources at this site subject to a standard in 40 CFR 61.
	Stratospheric Ozone Protection [40 CFR Part 82, subpart B, Servicing of Motor Vehicle Air Conditioners]	EXEMPT: This facility does not produce, consume, recycle, import or export any controlled substances or controlled products as defined in this part, nor does this facility perform service on motor (fleet) vehicles that involves depleting substances.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit:III.Chapter 22] does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

40 CFR PART 70 GENERAL CONDITIONS

- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

40 CFR PART 70 GENERAL CONDITIONS

- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

40 CFR PART 70 GENERAL CONDITIONS

- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated March 24, 2008, along with supplemental information dated June 27, 2008.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from the permit action. A request may be made to the secretary to suspend those provisions of the permit specifically appealed. The permit remains in effect to the extent that the secretary or assistant secretary does not elect to suspend the appealed provisions as requested or, at his discretion, other permit provisions as well. Construction cannot proceed, except as specially approved by the secretary or assistant secretary, until a final decision has been rendered on the appeal. A request for hearing must be sent to the Office of the Secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 25972 Judge Digby Gas Plant
Activity Number: PER2008001
Permit Number: 2260-00023-V5
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2260-00023	BP America Production Co	Air Permitting	08-04-2003
	LAD980748354	Judge Digby Gas Plant	CDS Number	08-05-2002
	WPS146	BP America	Hazardous Waste Notification	02-18-2008
	16975	WPC State Permit Number	LWDPS Permit #	06-25-2003
	4781	Chevron USA Inc	TEMPO Merge	11-06-2001
	52149	Judge Digby Plant	TEMPO Merge	07-20-2004
		Chevron USA Inc - Judge Digby Gas Plant	TEMPO Merge	11-06-2001

Physical Location:	5968 Parlane Ln Livonia, LA 70503	Main FAX:	2256373041
Mailing Address:	3861 Ambassador Caffery Lafayette, LA 70503	Main Phone:	2256374942

Location of Front Gate:	30° 37' 2" N 91° 30' 45" W	Coordinate Method:	Interpolation - Map
Related People:		Coordinate Datum:	NAD27

Name	Mailing Address	Phone (Type)	Relationship
Alejandra Castano	PO Box 3092 MC 2.100B WL1 Houston, TX 772533092	alejandra.castano@bp.com	Emission Inventory Contact for
Alejandra Castano	PO Box 3092 MC 2.100B WL1 Houston, TX 772533092	2813663828 (WP)	Emission Inventory Contact for
Paul Clopton	5968 Parlane Ln Livonia, LA 70555	2256372546 (WP)	Employed by
Mike Cole	PO Box 3092 Houston, TX 772533092	mike.cole@bp.com (Responsible Official for
Mike Cole	PO Box 3092 Houston, TX 772533092	2813666180 (WP)	Responsible Official for
D. Chris Smith	PO Box 3092 MC 2.100 WL1 Houston, TX 772533092	2813663828 (WP)	Air Permit Contact For

Name	Address	Phone (Type)	Relationship
BP America Production Co	PO Box 3092 MC 2.100B WL1 Houston, TX 772533092	2813663828 (WP)	Owns
BP America Production Co	PO Box 3092 MC 2.100B WL1 Houston, TX 772533092	2813663828 (WP)	Air Billing Party for
BP America Production Co	PO Box 3092 MC 2.100B WL1 Houston, TX 772533092	2813663828 (WP)	Emission Inventory Billing Party

NAC Codes: 211111, Crude Petroleum and Natural Gas Extraction

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
EQT0001	JUGTK004 - Stock Tank - 2,000 bbl (T-4000-1)	2000 bbl		5000 bbl/day		8,760 hr/yr (All Year)
EQT0002	JUGHT006 - EG Heater (Furnace) Stack 1A (H-8202)		40.36 MM BTU/hr	40.36 MM BTU/hr		8,760 hr/yr (All Year)
EQT0003	JUGHT007 - EG Heater (Furnace) Stack 1B (H-8203)		40.36 MM BTU/hr	40.36 MM BTU/hr		8,760 hr/yr (All Year)
EQT0004	JUGHT009 - Standby Train 1 Glycol Reboiler (H-2202)		2 MM BTU/hr	2 MM BTU/hr		8,760 hr/yr (All Year)
EQT0005	JUGTK034 - EG Tank - 517 bbl (T-8204)	517 bbl		365 bbl/yr		8,760 hr/yr (All Year)
EQT0006	JUGTK037 - Slug/Service Tank - 210 bbl (T-1820)	210 bbl		365 bbl/yr		8,760 hr/yr (All Year)
EQT0007	JUGTK038 - Amine Tank - 1,500 bbl (T-1823)	1500 bbl		100 bbl/yr		8,760 hr/yr (All Year)
EQT0008	JUGTK039 - TEG Tank - 500 bbl (T-2210)	500 bbl		36500 bbl/yr		8,760 hr/yr (All Year)
EQT0009	JUGTK040 - Surge Tank - 3,333 bbl (T-1005)		1000 bbl/yr	1000 bbl/yr		8,760 hr/yr (All Year)
EQT0010	JUGTK041 - Slug Tank - 1,500 bbl (T-1009)	1000 bbl		5000 bbl/yr		8,760 hr/yr (All Year)
EQT0011	JUGSA054 - Amine Sweetening Unit - Acid Gas Vent		200 MM ft^3/day	200 MM ft^3/day		8,760 hr/yr (All Year)
EQT0012	JUGTK070 - Amine Tank 500 bbl (T-1807)	500 bbl		75 bbl/yr		8,760 hr/yr (All Year)
EQT0013	JUGLT073 - Tank Truck Loading		1.83 MM bbl/yr	1.83 MM bbl/yr		4563 hr/yr (All Year)
EQT0014	JUGGR091 - Train 1 Glycol Moisture Vent		165 MM ft^3/day	165 MM ft^3/day		8,760 hr/yr (All Year)
EQT0015	JUGFE123 - Blowdown Flare (O-5003)		2 MM ft^3/hr	130 MM scf/yr		8,760 hr/yr (All Year)
EQT0016	JUGFE124 - Control Flare (C-5004)		.09 MM ft^3/hr	33 MM scf/yr		8,760 hr/yr (All Year)
EQT0017	JUGGR126 - Train 2 Glycol Moisture Vent		110 MM ft^3/day	110 MM ft^3/day		8,760 hr/yr (All Year)
EQT0018	JUGHR140 - Train 2 Glycol Reboiler (H-2330)		2 MM BTU/hr	2 MM BTU/hr		8,760 hr/yr (All Year)
EQT0019	JUGHR141 - Train 1 Glycol Reboiler (H-2202)		2.5 MM BTU/hr	2.5 MM BTU/hr		8,760 hr/yr (All Year)
EQT0020	JUGHR142 - Train 3 Glycol Reboiler (H-2430)		1.5 MM BTU/hr	1.5 MM BTU/hr		8,760 hr/yr (All Year)
EQT0021	JUGGR143 - Train 3 Glycol Moisture Vent		90 MM ft^3/day	90 MM ft^3/day		8,760 hr/yr (All Year)
EQT0022	JUGVS144 - Media Filter Backwash Vent		104 ft^3/hr			8,760 hr/yr (All Year)
EQT0023	JUGTK145 - Media Filter Tank - 500 bbl (T-1010)	500 bbl	500 bbl/day	500 bbl/day		8,760 hr/yr (All Year)
EQT0024	JUGTK147 - Standby Saltwater Tank - 2,000 bbl (T-3500-2)	2000 bbl		20000 bbl/day		8,760 hr/yr (All Year)
EQT0025	JUGTK148 - Saltwater Tank - 2,000 bbl (T-3500-1)	2000 bbl		20000 bbl/day		8,760 hr/yr (All Year)
EQT0026	JUGTK149 - Standby Stock Tank - 2,000 bbl (T-4000-2)	2000 bbl		5000 bbl/day		8,760 hr/yr (All Year)
EQT0027	JUGTK150 - Methanol Tank - 500 gallons	550 gallons		5000 gallons/yr		8,760 hr/yr (All Year)
EQT0028	JUGFE151 - Temporary Wellsite Flaring		2 MM scf/hr	25 MM scf/yr		8,760 hr/yr (All Year)
EQT0029	JUGCE152 - Compressor Engine No. 1		472 horsepower	472 horsepower		8,760 hr/yr (All Year)
EQT0030	JUGCE153 - Compressor Engine No. 2		420 horsepower	420 horsepower		8,760 hr/yr (All Year)
EQT0031	JUGCE154 - Compressor Engine No. 3		490 horsepower	490 horsepower		8,760 hr/yr (All Year)
EQT0032	JUGCE155 - Compressor Engine No. 4 <500 Hp		490 horsepower	490 horsepower		8,760 hr/yr (All Year)
EQT0033	JUDGE156 - Compressor Engine No. 5 - <1500 hp		1499 horsepower	1499 horsepower		8,760 hr/yr (All Year)
EQT0034	JUGCE156 - Compressor Engine No. 6 - <1500 hp		1499 horsepower	1499 horsepower		8,760 hr/yr (All Year)
FUG0001	JUGFU081 - Fugitives - Gas Service					8,760 hr/yr (All Year)
FUG0002	JUGFU082 - Fugitives - Light Liquid Service					8,760 hr/yr (All Year)
Stack Information:		ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)
						Height (feet)
						Temperature (°F)

INVENTORIES

AID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
EOT0002	JUGHT006 - EG Heater (Furnace) Stack 1A (H-8502)	48	63429	5.3		100	843
EOT0003	JUGHT007 - EG Heater (Furnace) Stack 1B (H-8203)	48	63429	5.3		100	843
EOT0004	JUGHT009 - Standby Train 1 Glycol Reboiler (H-2202)	11	872	1.3		37	550
EOT0005	JUGTK034 - EG Tank - 517 bbl (T-8204)			3		11	80
EOT0006	JUGTK037 - Slug/Service Tank - 210 bbl (T-1820)			3		16	80
EOT0007	JUGTK038 - Amine Tank - 1,500 bbl (T-1823)			3		19	80
EOT0008	JUGTK039 - TEG Tank - 500 bbl (T-2210)			3		11	80
EOT0009	JUGTK040 - Surge Tank - 3,333 bbl (T-1005)			3		19	
EOT0010	JUGTK041 - Slug Tank - 7,500 bbl (T-1009)			3		19	
EOT0011	JUGSA054 - Amine Sweetening Unit - Acid Gas Vent	48	63429	5.3		100	843
EOT0012	JUGTK070 - Amine Tank - 500 bbl (T-1807)			3		10	80
EOT0015	JUGFE123 - Blowdown Flare (O-5003)			7	721	1.5	140
EOT0016	JUGFE124 - Control Flare (O-5004)			49	92	2	28
EOT0018	JUGHR140 - Train 2 Glycol Reboiler (H-2330)			13	1519	1.6	17
EOT0019	JUGHR141 - Train 1 Glycol Reboiler (H-2202)			10	1252	1.6	29
EOT0020	JUGHR142 - Train 3 Glycol Reboiler (H-2430)			9	1140	1.6	20
EOT0023	JUGTK145 - Media Filter Tank - 500 bbl (T-1010)						1300
EOT0024	JUGTK147 - Standby Saltwater Tank - 2,000 bbl (T-3500-2)						
EOT0025	JUGTK148 - Saltwater Tank - 2,000 bbl (T-3500-1)						
EOT0027	JUGTK150 - Methanol Tank - 500 gallons						
EOT0028	JUGFE151 - Temporary Wellsite Flaring						
EOT0029	JUGCE152 - Compressor Engine No. 1						
EOT0030	JUGCE153 - Compressor Engine No. 2						
EOT0031	JUGCE154 - Compressor Engine No. 3						
EOT0032	JUGCE155 - Compressor Engine No. 4 <500 Hp						
EOT0033	JUDGE156 - Compressor Engine No. 5 - <1500 hp						
EOT0034	JUDGE156 - Compressor Engine No. 6 - <1500 hp						

Relationships:

ID	Description	Relationship	ID	Description
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0001	JUGTK004 Stock Tank - 2,000 bbl (T-4000-1)
EOT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0009	JUGTK040 Surge Tank - 3,333 bbl (T-1005)
EOT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0010	JUGTK041 Bad Oil Tank - 1,000 bbl (T-1009)
EOT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0014	JUGGR091 Train 1 Glycol Moisture Vent

INVENTORIES

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

Relationships:

ID	Description	Relationship	ID	Description
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0017	JUGGR126 Train 2 Glycol Moisture Vent
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0021	JUGFR143 Train 3 Glycol Moisture Vent
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0022	JUGVS144 Media Filter Backwash Vent
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0023	JUGTK145 Media Filter Tank - 500 bbl (T-1010)
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0024	JUGTK147 Standby Saltwater Tank - 2,000 bbl (T-3500-2)
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0025	JUGTK148 Saltwater Tank - 2,000 bbl (T-3500-1)
EQT0016	JUGFE124 Control Flare (O-5004)	Controls emissions from	EQT0026	JUGTK149 Standby Stock Tank - 2,000 bbl (T-4000-2)

Subject Item Groups:

ID	Group Type	Group Description
GRP0004	Permitted Total	-

Group Membership:

ID	Description	Member of Groups
EQT0001	JUGTK004 - Stock Tank - 2,000 bbl (T-4000-1)	GRP00000000004
EQT0002	JUGHT006 - EG Heater (Furnace) Stack 1A (H-8202)	GRP00000000004
EQT0003	JUGHT007 - EG Heater (Furnace) Stack 1B (H-8203)	GRP00000000004
EQT0004	JUGHT009 - Standby Train 1 Glycol Reboiler (H-2202)	GRP00000000004
EQT0005	JUGTK034 - EG Tank - 517 bbl (T-8204)	GRP00000000004
EQT0006	JUGTK037 - Slug/Service Tank - 210 bbl (T-1820)	GRP00000000004
EQT0007	JUGTK038 - Amine Tank - 1,500 bbl (T-1823)	GRP00000000004
EQT0008	JUGTK039 - TEG Tank - 500 bbl (T-2210)	GRP00000000004
EQT0009	JUGTK040 - Surge Tank - 3,333 bbl (T-1005)	GRP00000000004
EQT0010	JUGTK041 - Slug Tank - 1,500 bbl (T-1009)	GRP00000000004
EQT0011	JUGSA054 - Amine Sweetening Unit - Acid Gas Vent	GRP00000000004
EQT0012	JUGTK070 - Amine Tank - 500 bbl (T-1807)	GRP00000000004
EQT0013	JUGLT073 - Tank Truck Loading	GRP00000000004
EQT0014	JUGGR091 - Train 1 Glycol Moisture Vent	GRP00000000004
EQT0015	JUGFE123 - Blowdown Flare (O-5003)	GRP00000000004
EQT0016	JUGFE124 - Control Flare (O-5004)	GRP00000000004
EQT0017	JUGGR126 - Train 2 Glycol Moisture Vent	GRP00000000004
EQT0018	JUGHR140 - Train 2 Glycol Reboiler (H-2330)	GRP00000000004
EQT0019	JUGHR141 - Train 1 Glycol Reboiler (H-2202)	GRP00000000004
EQT0020	JUGHR142 - Train 3 Glycol Reboiler (H-2430)	GRP00000000004
EQT0021	JUGGR143 - Train 3 Glycol Moisture Vent	GRP00000000004
EQT0022	JUGVS144 - Media Filter Backwash Vent	GRP00000000004
EQT0023	JUGTK145 - Media Filter Tank - 500 bbl (T-1010)	GRP00000000004
EQT0024	JUGTK147 - Standby Saltwater Tank - 2,000 bbl (T-3500-2)	GRP00000000004
EQT0025	JUGTK148 - Saltwater Tank - 2,000 bbl (T-3500-1)	GRP00000000004
EQT0026	JUGTK149 - Standby Stock Tank - 2,000 bbl (T-4000-2)	GRP00000000004
EQT0027	JUGTK150 - Methanol Tank - 500 gallons	GRP00000000004

INVENTORIES

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT0028	JUGFE151 - Temporary Wellsite Flaring	GRP0000000004
EQT0029	JUGCE152 - Compressor Engine No. 1	GRP0000000004
EOT0030	JUGCE153 - Compressor Engine No. 2	GRP0000000004
EOT0031	JUGCE154 - Compressor Engine No. 3	GRP0000000004
EOT0032	JUGCE155 - Compressor Engine No. 4 <500 Hp	GRP0000000004
EOT0033	JUDGE156 - Compressor Engine No. 5 - <1500 hp	GRP0000000004
EOT0034	JUDGE156 - Compressor Engine No. 6 - <1500 hp	GRP0000000004
FUG0001	JUGFU081 - Fugitives - Gas Service	GRP0000000004
FUG0002	JUGFU082 - Fugitives - Light Liquid Service	GRP0000000004

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
0041	Crude Oil and Natural Gas Production (equal to or greater than 100 T/Yr Source) T/Yr and less than 250 T/Yr Source)	4	

SIC Codes:

1311	Crude petroleum and natural gas	A125972
------	---------------------------------	---------

EMISSION RATES FOR CRITERIA POLLUTANTS

AID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
EQT 0002 JUGT005	4.05	4.05	17.73	4.82	4.82	21.11	0.37	0.37	1.60	1.27	1.27	5.58	0.27	0.27	1.17
EQT 0003 JUGT007	4.05	4.05	17.73	4.82	4.82	21.11	0.37	0.37	1.60	1.27	1.27	5.58	0.27	0.27	1.17
EQT 0004 JUGT009	0.17	0.17	0.75	0.20	0.20	0.89	0.02	0.02	0.07	0.02	0.02	0.07	0.01	0.01	0.05
EQT 0005 JUGT034													<0.001	<0.001	0.001
EQT 0006 JUGT037													<0.001	<0.001	0.001
EQT 0007 JUGT038													0.01	0.01	0.06
EQT 0008 JUGT039													0.002	0.002	0.001
EQT 0011 JUGSA04													22.17	22.17	97.12
EQT 0012 JUGTK010													0.01	0.01	0.02
EQT 0013 JUGL073													3.80	3.80	8.67
EQT 0015 JUGF123	6.84	921.89	29.95	0.80	107.52	3.49				0.34	45.98	1.49	1.19	159.98	5.20
EQT 0016 JUGFE124	1.77	41.33	7.76	0.21	4.82	0.90				1.47	34.25	6.43	1.81	42.24	7.93
EQT 0018 JUGHR140	0.17	0.17	0.75	0.20	0.20	0.89	0.02	0.02	0.07	0.01	0.01	0.06	0.01	0.01	0.05
EQT 0019 JUGHR141	0.21	0.21	0.94	0.26	0.26	1.12	0.02	0.02	0.08	0.02	0.02	0.08	0.01	0.01	0.06
EQT 0020 JUGHR142	0.13	0.13	0.56	0.15	0.15	0.67	0.01	0.01	0.05	0.01	0.01	0.05	0.01	0.01	0.04
EQT 0027 JUGTK150													0.01	0.01	0.02
EQT 0028 JUGFE151	1.35	946.72	5.92	0.16	110.42	0.69				0.02	12.57	0.08	0.07	45.82	0.29
EQT 0029 JUGCE152	2.08	2.08	9.12	2.08	2.08	9.12	0.04	0.04	0.19	0.03	0.03	0.14	0.15	0.15	0.64
EQT 0030 JUGCE153	1.85	1.85	8.11	1.85	1.85	8.11	0.04	0.04	0.17	0.03	0.03	0.12	0.13	0.13	0.57
EQT 0031 JUGGE154	2.16	2.16	9.46	2.16	2.16	9.46	0.04	0.04	0.19	0.03	0.03	0.14	0.06	0.06	0.28
EQT 0032 JUGGE155	2.16	2.16	9.46	2.16	2.16	9.46	0.04	0.04	0.19	0.03	0.03	0.14	0.06	0.06	0.28
EQT 0033 JUGGE156	6.61	6.61	28.95	6.61	6.61	28.95	0.001	0.001	0.10	0.10	0.10	0.44	1.68	1.68	7.36

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 25972 - Judge Digby Gas Plant

Activity Number: PER20080001

Permit Number: 2260-00023-V5

Air - Title V Regular Permit Renewal

CO				NOx				PM10				SO2				VOC			
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year																
Entire Facility																			
EQT 0034 JUDGE156	6.61	6.61	28.95	6.61	6.61	28.95	0.001	0.001	0.004	0.10	0.10	0.44	1.68	1.68	7.36				
FUG 0001 JUGFUG1													2.77	2.77	12.15				
FUG 0002 JUGFUG2													0.01	0.01	0.03				

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

{

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 25972 - Judge Digby Gas Plant

Activity Number: PER20080001

Permit Number: 2260-00023-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0007 JUGTK038	Diethanolamine	0.01	0.01	0.06
EQT 0011 JUGSA054	Benzene	10.55	10.55	46.19
	Ethyl benzene	0.24	0.24	1.03
	Hydrogen sulfide	11.06	11.06	48.44
	Toluene	8.70	8.70	38.09
	Xylene (mixed isomers)	2.57	2.57	11.27
	n-Hexane	0.03	0.03	0.13
EQT 0012 JUGTK070	Diethanolamine	0.01	0.01	0.02
EQT 0013 JUGLT073	Benzene	0.36	0.36	0.83
	Ethyl benzene	0.004	0.004	0.01
	Toluene	0.23	0.23	0.52
	Xylene (mixed isomers)	0.04	0.04	0.10
	n-Hexane	0.09	0.09	0.20
	Benzene	0.08	10.30	0.33
EQT 0015 JUGFE123	Ethyl benzene	0.002	0.22	0.01
	Hydrogen sulfide	0.004	0.50	0.02
	Toluene	0.06	8.39	0.27
	Xylene (mixed isomers)	0.02	2.11	0.07
	n-Hexane	0.04	4.87	0.16
	Benzene	0.60	14.04	2.64
EQT 0016 JUGFE124	Ethyl benzene	0.01	0.23	0.04
	Hydrogen sulfide	0.02	0.37	0.07
	Toluene	0.25	5.73	1.08
	Xylene (mixed isomers)	0.04	1.02	0.19
	n-Hexane	0.02	0.57	0.11
EQT 0027 JUGTK150	Methanol	0.01	0.01	0.02
EQT 0028 JUGFE151	Benzene	0.004	2.96	0.02
	Ethyl benzene	< 0.001	0.11	0.001
	Hydrogen sulfide	< 0.001	0.14	0.001
	Toluene	0.003	2.33	0.01
	Xylene (mixed isomers)	0.001	1.01	0.01
	n-Hexane	0.002	1.45	0.01
EQT 0029 JUGCE152	Formaldehyde	0.03	0.03	0.14
EOT 0030 JUGCE153	Formaldehyde	0.03	0.03	0.12

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 25972 - Judge Digby Gas Plant

Activity Number: PER20080001

Permit Number: 2260-00023-V5

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0031 JUGCE154	Formaldehyde	0.05	0.05	0.24
EQT 0032 JUGCE155	Formaldehyde	0.05	0.05	0.24
EOT 0033 JUDGE156	Formaldehyde	0.99	0.99	4.34
EQT 0034 JUGCE156	Formaldehyde	0.99	0.99	4.34
FUG 0001 JUGFU081	Benzene	0.10	0.10	0.43
	Ethyl benzene	0.01	0.01	0.05
	Hydrogen sulfide	0.002	0.002	0.01
	Toluene	0.16	0.16	0.70
	Xylene (mixed isomers)	0.10	0.10	0.43
	n-Hexane	0.03	0.03	0.13
FUG 0002 JUGFU082	Benzene	0.001	0.001	0.003
	Ethyl benzene	0.001	0.001	0.001
	Toluene	0.001	0.001	0.002
	Xylene (mixed isomers)	0.001	0.001	0.001
	n-Hexane	0.001	0.001	0.001

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0001 JUGTK004 Stock Tank - 2,000 bbl (T-4000-1)

- 1 [LAC 33:III.2104.C.4] Flash gas: VOC, Total \geq 95 % reduction.
Which Months: All Year Statistical Basis: None specified
Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device.
- 2 [LAC 33:III.2104.C] Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104.
- 3 [LAC 33:III.2104.E] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5.
- 4 [LAC 33:III.2104.G] Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3.

EQT0002 JUGHT006 EG Heater (Furnace) Stack 1A (H-8202)

- 5 [LAC 33:III.2104.G] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 6 [LAC 33:III.1101.B] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 7 [LAC 33:III.1313.C] Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 8 [LAC 33:III.1513]

EQT0003 JUGHT007 EG Heater (Furnace) Stack 1B (H-8203)

- 9 [LAC 33:III.1101.B] Opacity \leq 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 10 [LAC 33:III.1305] Total suspended particulate \leq 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).
Which Months: All Year Statistical Basis: None specified
- 11 [LAC 33:III.1313.C] Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III. Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 12 [LAC 33:III.1513]

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0004 JUGHT009 TEG Regen Process Heater (H-2202)

- 13 [LAC 33.III.110.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

EQT0006 JUGTK037 Slug/Service Tank - 210 bbl (T-1820)

- 15 [40 CFR 63.760(e)] Maintain records as specified in 40 CFR 63.10(b)(3). Subpart HH. [40 CFR 63.760(e)]

EQT0009 JUGTK040 Surge Tank - 3,333 bbl (T-1005)

16 [LAC 33.III.2104.C.4] Flash gas: VOC, Total >= 95 % reduction.

Which Months: All Year Statistical Basis: None specified

Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device.

Achieve compliance by the appropriate date specified in LAC 33.III.2104.E. Comply with the requirements of LAC 33.III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33.III.2104 as a result of a revision to LAC 33.III.2104.

Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33.III.2104.G.1 and 5.

Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33.III.2104.G.3.

EQT0011 JUGSA054 Amine Sweetening Unit - Acid Gas Vent

- 21 [LAC 33.III.151.3]

Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33.III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

Natural Gas Flow rate monitored by technically sound method continuously. The amine flow rate ratio to the natural gas flow through the Amine Sweetening Unit's BTEX Stripper control system, shall be maintained in accordance with the rates established in the initial performance testing associated with the MACT compliance plan, such that the BTEX stripper control device achieves a minimum 70% control efficiency for VOC emissions.

Which Months: All Year Statistical Basis: None specified

Submit report: Due annually, by the 15th of February. Report the amine and natural gas flow ratio through the Amine Sweetening Unit's BTEX Stripper control system, as well as the results of the monthly Drager Tube analysis demonstrating that the system is controlling VOC emissions to at least 70% control efficiency for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0011 JUGSA054 Amine Sweetening Unit - Acid Gas Vent

- 24 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (LDEQ MACT final compliance plan CC 92089 issued on April 21, 1999). Benzene, Ethylbenzene, Toluene, Xylene Combination (BTEX) $\geq 70\%$ control efficiency as approved in the LDEQ MACT final compliance plan CC 92089 issued on April 21, 1999. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if percent control efficiency does not achieve the minimum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: Approved basis
- Conduct a monthly Draeger Tube air toxic emission test as set forth in accordance with Test Methods in accordance with the manufacturers instructions as approved in LDEQ MACT final compliance plan CC 92089 issued on April 21, 1999.
- Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 25 [LAC 33:III.5113.B.2] VOC, Total $\geq 85\%$ reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
 Which Months: All Year Statistical Basis: None specified
- Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
- Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.
- Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- VOC, Total $\geq 98\%$ reduction using a control device (flare) based on Permit No. 2260-00023-01 issued December 13, 1991, Compliance Order AE-C-90-071A issued June 4, 1991, and Compliance Order AE-C-90-071B issued July 23, 1991.
- 26 [LAC 33:III.5113.B.6]

EQT0014 JUGGR091 Train 1 Glycol Moisture Vent

- Control air emissions by connecting the process vent to a process natural gas line. Subpart HH. [40 CFR 63.765(c)(1)]
 27 [40 CFR 63.765(c)(1)] VOC, Total $\geq 85\%$ reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
 Which Months: All Year Statistical Basis: None specified
- Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
- Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.
- Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- VOC, Total $\geq 98\%$ reduction using a control device (flare) based on Permit No. 2260-00023-01 issued December 13, 1991, Compliance Order AE-C-90-071A issued June 4, 1991, and Compliance Order AE-C-90-071B issued July 23, 1991.
- 28 [LAC 33:III.2116.B.2]
- 29 [LAC 33:III.2116.D]
- 30 [LAC 33:III.2116.F.1]
- 31 [LAC 33:III.905]
- 32 [LAC 33:III.905]

EQT0015 JUGFE123 Blowdown Flare (O-5003)

- Opacity ≤ 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
 Which Months: All Year Statistical Basis: None specified
- Submit notification: Due to the Office of Environmental Compliance as soon as possible after the start of burning of pressure valve releases for control over process upsets. Notify by telephone at (225) 763-3908 during office hours; (225) 342-1234 after hours, weekends, and holidays; or by e-mail utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance. Notification is required only if the upset cannot be controlled in six hours.
- Opacity ≤ 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
- 33 [LAC 33:III.1105]
- 34 [LAC 33:III.1105]
- 35 [LAC 33:III.1311.C]

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0015 JUGFE123 Blowdown Flare (O-5003)

- | | |
|---------------------------|--|
| 36 [LAC 33:III.507.H.1.a] | Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.
Which Months: All Year Statistical Basis: None specified |
| 37 [LAC 33:III.507.H.1.a] | Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified |
| 38 [LAC 33:III.507.H.1.a] | Flare gas: Heat content recordkeeping by electronic or hard copy annually. |
| 39 [LAC 33:III.507.H.1.a] | Presence of a flame monitored by heat sensing device continuously.
Which Months: All Year Statistical Basis: None specified |
| 40 [LAC 33:III.507.H.1.a] | Presence of a flame recordkeeping by electronic or hard copy continuously. |

EQT0016 JUGFE124 Control Flare (O-5004)

- | | |
|--------------------------|---|
| 41 [40 CFR 63.772(e)(2)] | An owner or operator shall design and operate each flare in accordance with the requirements specified in 40CFR63.11(b) and in paragraphs 772(c)(2)(i) and 772(e)(2)(ii). [40 CFR 63.772(e)(2)]
Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. |
| 42 [LAC 33:III.1105] | Flash gas: VOC, Total > 95 % reduction.
Which Months: All Year Statistical Basis: None specified
Equip with an automatic flare relighting device.
Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2104.G.2.a.i-iii and G.4. |
| 43 [LAC 33:III.1311.C] | Flare gas: Heat content > 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified
Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. |
| 44 [LAC 33:III.1513] | Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.
Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.
Which Months: All Year Statistical Basis: None specified |
| 45 [LAC 33:III.2104.C.4] | Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified |
| 46 [LAC 33:III.2104.F.1] | Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.
Flare gas: Heat content > 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified |
| 47 [LAC 33:III.2104.G] | Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate. |
| 48 [LAC 33:III.2116.B.3] | Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1 and 2.
Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.
Which Months: All Year Statistical Basis: None specified |
| 49 [LAC 33:III.2116.D] | Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified |
| 50 [LAC 33:III.2116.F] | Flare gas: Heat content recordkeeping by electronic or hard copy annually. |
| 51 [LAC 33:III.501.C.6] | |
| 52 [LAC 33:III.501.C.6] | |
| 53 [LAC 33:III.501.C.6] | |

SPECIFIC REQUIREMENTS

AID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0016 JUGFE124 Control Flare (O-5004)

- 54 [LAC 33:III.501.C.6] Presence of a flame monitored by heat sensing device continuously.
 Which Months: All Year Statistical Basis: None specified
- 55 [LAC 33:III.501.C.6] Presence of a flame recordkeeping by electronic or hard copy continuously.
- 56 [LAC 33:III.905] Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- VOC, Total $\geq 98\%$ reduction using a control device (flare) based on Permit No. 2260-00023-01 issued December 13, 1991, Compliance Order AE-C-90-071A issued June 4, 1991, and Compliance Order AE-C-90-071B issued July 23, 1991.

EQT0017 JUGGR126 Train 2 Glycol Moisture Vent

- 58 [40 CFR 63.765(c)(1)] Control air emissions by connecting the process vent to a process natural gas line. Subpart HH. [40 CFR 63.765(c)(1)] VOC, Total $\geq 85\%$ reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
 Which Months: All Year Statistical Basis: None specified
- 59 [LAC 33:III.2116.B.2] Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.i-5, as appropriate.
- 60 [LAC 33:III.2116.D] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.
- 61 [LAC 33:III.2116.F.1] Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- VOC, Total $\geq 98\%$ reduction using a control device (flare) based on Permit No. 2260-00023-01 issued December 13, 1991, Compliance Order AE-C-90-071A issued June 4, 1991, and Compliance Order AE-C-90-071B issued July 23, 1991.

EQT0018 JUGHR140 Train 2 Glycol Reboiler (H-2330)

- 64 [LAC 33:III.1101.B] Opacity ≤ 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
- 65 [LAC 33:III.1313.C] Total suspended particulate ≤ 0.6 lb/MMBTU of heat input.
 Which Months: All Year Statistical Basis: None specified
- 66 [LAC 33:III.1513] Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.

EQT0019 JUGHR141 Train 1 Glycol Reboiler (H-2330)

SPECIFIC REQUIREMENTS

AID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0019 JUGHR141 Train 1 Glycol Reboiler (H-2300)

- 67 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 68 [LAC 33:III.1313.C]
 69 [LAC 33:III.1513]

EQT0020 JUGHR142 Train 3 Glycol Reboiler (H-2430)

- 70 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: None specified
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
- 71 [LAC 33:III.1313.C]
 72 [LAC 33:III.1513]

EQT0021 JUGGR143 Train 3 Glycol Moisture Vent

- 73 [40 CFR 63.765(c)(1)] Control air emissions by connecting the process vent to a process natural gas line. Subpart HH. [40 CFR 63.765(c)(1)]
 VOC, Total >= 85% reduction using a control device. Demonstrate percent reduction using the methods found in LAC 33:III.2116.D.
 Which Months: All Year Statistical Basis: None specified
 Determine compliance with LAC 33:III.2116.B using the methods in LAC 33:III.2116.D.1-5, as appropriate.
 Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2116.F.1.
 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
 VOC, Total >= 98% reduction using a control device (flare) based on Permit No. 2260-00023-01 issued December 13, 1991, Compliance Order AE-C.90-071A issued June 4, 1991, and Compliance Order AE-C.90-071B issued July 23, 1991.
- 74 [LAC 33:III.2116.B.2]
 75 [LAC 33:III.2116.D]
 76 [LAC 33:III.2116.F.1]
 77 [LAC 33:III.905]
 78 [LAC 33:III.905]

EQT0026 JUGTK149 Standby Stock Tank - 2,000 bbl (T-4000-2)

SPECIFIC REQUIREMENTS

All ID: 25972 - Judge Digby Gas Plant
Activity Number: PER20080001
Permit Number: 2260-00023-V5
Air - Title V Regular Permit Renewal

EQT0026 JUGTK149 Standby Stock Tank - 2,000 bbl (T-4000-2)

- 79 [LAC 33:III.2104.C.4] Flash gas: VOC, Total \geq 95% reduction.
Which Months: All Year Statistical Basis: None specified
Install a vapor recovery system that directs vapors to a fuel gas system, a sales gas system, an underground gas injection system, or a control device.
Achieve compliance by the appropriate date specified in LAC 33:III.2104.E. Comply with the requirements of LAC 33:III.2104 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2104 as a result of a revision to LAC 33:III.2104.
- 80 [LAC 33:III.2104.C] Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2104.G.1 and 5.
- 81 [LAC 33:III.2104.E] Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3.
- 82 [LAC 33:III.2104.G] Vapor recovery system: Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Keep records of the information specified in LAC 33:III.2104.G.3.

EQT0027 JUGTK150 Methanol Tank - 550 gallons

- 84 [LAC 33:III.2103.A] Equip with a submerged fill pipe.
Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT0028 JUGFE151 Temporary Wellsite Flaring

- 85 [LAC 33:III.2103.I] Opacity \leq 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
Which Months: All Year Statistical Basis: None specified
Opacity \leq 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average
Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request.
Develop a corrective action plan for re-lighting the flare. Plan must be kept readily available for immediate implementation in the event the flare needs to be re-lit.
- 86 [LAC 33:III.1105] Flare gas: Heat content > 300 BTU/scf, to ensure destruction of emissions to the flare stack.
Which Months: All Year Statistical Basis: None specified
- 87 [LAC 33:III.1311.C] Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified
Flare gas: Heat content recordkeeping by electronic or hard copy annually.
- 88 [LAC 33:III.1513] Flare gas: Heat content monitored by gas analysis annually, to insure the heat content is above 300 BTU/scf.
Which Months: All Year Statistical Basis: None specified
- 89 [LAC 33:III.501.C.6] Flare gas: Heat content recordkeeping by electronic or hard copy annually.
- 90 [LAC 33:III.501.C.6]
- 91 [LAC 33:III.501.C.6]
- 92 [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0028 JUGFE151 Temporary Wellsite Flaring

- 93 [LAC 33.III.S01.C.6] Natural Gas: Throughput <= 25 MM ft³/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period.
 Which Months: All Year Statistical Basis: None specified
 Natural Gas: Throughput monitored by technically sound method during loading.
 Which Months: All Year Statistical Basis: None specified
 Natural Gas: Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total natural gas used each month, as well as the total used for the last twelve months. Make records available for inspection by DEQ personnel.
- 94 [LAC 33.III.S01.C.6]
 95 [LAC 33.III.S01.C.6]
 96 [LAC 33.III.S01.C.6]
 97 [LAC 33.III.S01.C.6]
 98 [LAC 33.III.S01.C.6]
 99 [LAC 33.III.S13.B.3]
- Presence of a flame monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Presence of a flame recordkeeping by electronic or hard copy daily.
 Submit report: Due annually, by the 15th of February. Report the natural gas used for each month of the preceding calendar year, as well as the twelve consecutive month total for each month, to the Office of Environmental Compliance, Enforcement Division.
 Shall comply with all state and federally applicable requirements at all authorized locations and notify LDEQ at least 10 days in advance of each change in location.

EQT0029 JUGCE152 Compressor Engine No. 1

- 100 [LAC 33.III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 An engine with horsepower < 500 hp and Heat content <= 4.75 MM BTU/hr with a maximum allowable value of 9,500 Btu/hp-hr rating.
 Noncompliance with these limitations is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the manufacturer's operating specifications exceeds the maximum listed in this specific condition.
 Which Months: All Year Statistical Basis: Approved basis
 Equipment/operational data recordkeeping by electronic or hard copy upon change or revision. Recorded parameters are start and end date, 1 make, model and serial number of compressor engine, horsepower rating, heat input expressed as MMBtu/hr and Btu/hp-hr, and manufacturers emission rates for NOx and CO expressed in gm/hp-hr for operation between 50% and 100% of rated capacity. Maintain records of the operating time by electronic or hard copy associated with each compressor engine. Keep on site for at least two years the above data required to demonstrate that the compressor engines meet the emission rate limitations. Make records available to a representative of DEQ or the U.S. EPA on request.
 Operating time monitored by visual inspection/determination during loading.
 Which Months: All Year Statistical Basis: Approved basis
- 101 [LAC 33.III.1311.C]
 102 [LAC 33.III.S01.C.6]
 103 [LAC 33.III.S01.C.6]
 104 [LAC 33.III.S01.C.6]

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0030 JUGCE153 Compressor Engine No. 2

105 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

An engine with horsepower < 500 hp and Heat content <= 4.75 MM BTU/hr with a maximum allowable value of 9,500 Btu/hp-hr rating.
 Noncompliance with these limitations is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the manufacturer's operating specifications exceeds the maximum listed in this specific condition.

Which Months: All Year Statistical Basis: Approved basis

Equipment/operational data recordkeeping by electronic or hard copy upon change or revision. Recorded parameters are start and end date, make, model and serial number of compressor engine, horsepower rating, heat input expressed as MMBtu/hr and Btu/hp-hr, and manufacturers emission rates for NOx and CO expressed in gm/hp-hr for operation between 50% and 100% of rated capacity. Maintain records of the operating time by electronic or hard copy associated with each compressor engine. Keep on site for at least two years the above data required to demonstrate that the compressor engines meet the emission rate limitations. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time monitored by visual inspection/determination during loading.

Which Months: All Year Statistical Basis: Approved basis

EQT0031 JUGCE154 Compressor Engine No. 3

110 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

An engine with horsepower < 500 hp and Heat content <= 4.75 MM BTU/hr with a maximum allowable value of 9,500 Btu/hp-hr rating.
 Noncompliance with these limitations is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the manufacturer's operating specifications exceeds the maximum listed in this specific condition.

Which Months: All Year Statistical Basis: Approved basis

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0031 JUGCE154 Compressor Engine No. 3

113 [LAC 33:III.501.C.6]

Equipment/operational data recordkeeping by electronic or hard copy upon change or revision. Recorded parameters are start and end date, make, model and serial number of compressor engine, horsepower rating, heat input expressed as MM BTU/hr and Btu/hp-hr, and manufacturer's emission rates for NOx and CO expressed in gm/hp-hr for operation between 50% and 100% of rated capacity. Maintain records of the operating time by electronic or hard copy associated with each compressor engine. Keep on site for at least two years the above data required to demonstrate that the compressor engines meet the emission rate limitations. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time monitored by visual inspection/determination during loading.

Which Months: All Year Statistical Basis: Approved basis

EQT0032 JUGCE155 Compressor Engine No. 4

115 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

An engine with horsepower < 500 hp and Heat content <= 4.75 MM BTU/hr with a maximum allowable value of 9,500 Btu/hp-hr rating Noncompliance with these limitations is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the manufacturer's operating specifications exceeds the maximum listed in this specific condition.

Which Months: All Year Statistical Basis: Approved basis

Equipment/operational data recordkeeping by electronic or hard copy upon change or revision. Recorded parameters are start and end date, make, model and serial number of compressor engine, horsepower rating, heat input expressed as MM BTU/hr and Btu/hp-hr, and manufacturer's emission rates for NOx and CO expressed in gm/hp-hr for operation between 50% and 100% of rated capacity. Maintain records of the operating time by electronic or hard copy associated with each compressor engine. Keep on site for at least two years the above data required to demonstrate that the compressor engines meet the emission rate limitations. Make records available to a representative of DEQ or the U.S. EPA on request.

Operating time monitored by visual inspection/determination during loading.

Which Months: All Year Statistical Basis: Approved basis

EQT0033 JUGCE156 Compressor Engine No. 5 - <1500 hp

120 [40 CFR 63.6590(a)(1)]

121 [LAC 33:III.1101.B]

This uninstalled RICE must be an existing stationary RICE as defined in 40 CFR 63.6590(a)(1). [40 CFR 63.6590(a)(1)]
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).

Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AIID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

EQT0033 JUGCE156 Compressor Engine No. 5 - <1500 hp

- Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average
- Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack tests purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.9|3, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO, O2, SO2 and VOC concentrations in the stack gas obtained during annual testing.
- Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
- Which Months: All Year Statistical Basis: None specified
- Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
- Which Months: All Year Statistical Basis: None specified
- Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.
- Which Months: All Year Statistical Basis: None specified
- Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
- Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO₂ / ton 100% H₂SO₄, Etc.). Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H₂SO₄ was being produced) Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

EQT0034 JUGCE157 Compressor Engine No. 6 - <1500 hp

- 130 [40 CFR 63.6590(a)(1)]

This uninstalled RICE must be an existing stationary RICE as defined in 40 CFR 63.6590(a)(1). [40 CFR 63.6590(a)(1)]

SPECIFIC REQUIREMENTS

AJ ID: 25972 - Judge Digby Gas Plant
Activity Number: PER20080001
Permit Number: 2260-00023-V5
Air - Title V Regular Permit Renewal

EQT0034 JUGCE157 Compressor Engine No. 6 - <1500 hp

- 131 [LAC 33:III.1101.B] Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lanceing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel).
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

- Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shakedown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit and therefore must be conducted at greater than 80% of maximum permitted capacity. Repeat the test after each major engine overhaul. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources and Method 10 - Determination of Carbon Monoxide/Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
 Equipment/operational data recordkeeping by electronic or hard copy annually. Recorded parameters are NOx, CO, O2, SO2 and VOC concentrations in the stack gas obtained during annual testing.

- Stack gas concentration: Carbon monoxide monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of CO in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

- Which Months: All Year Statistical Basis: None specified
 Stack gas concentration: Nitrogen oxides monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of NOx in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

- Which Months: All Year Statistical Basis: None specified
 Stack gas concentration: Oxygen monitored by portable analyzer annually (twelve months after the stack test or previous annual test, plus or minus 30 days). Maintain concentrations of O2 in the same range as during the initial stack test. Calibrate portable analyzers before each test using a known reference gas sample.

- Which Months: All Year Statistical Basis: None specified
 Submit notification: Due at least 30 days prior to any LDEQ required performance/emissions test to the Office of Environmental Assessment, to provide the opportunity to conduct a pretest meeting and observe the emission testing.
 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment. The test results summary shall include any necessary conversion into the units of any applicable Standard. (lbs/MMBtu, gr/dscf, lbs SO2 / ton 100% H2SO4, Etc.) Plant and in house laboratory data to support production values shall be included. (Example: how many tons of 100% equivalent H2SO4 was being produced). Units tested at less than 95% of permitted maximum capacity shall provide documentation to support compliance at 100% of the permitted maximum capacity.

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
Activity Number: PER20080001
Permit Number: 2260-00023-V5
Air - Title V Regular Permit Renewal

FUG0001 JUGFU0081 Fugitives - Gas Service

140 [LAC 33:III.2111] Equip all rotary pumps and compressors with mechanical seals.

FUG0002 JUGFU0082 Fugitives - Light Liquid Service

141 [LAC 33:III.2111] Equip all rotary pumps and compressors with mechanical seals.

GRP0004 Entire Facility

Group Members: EQT0001 EQT0002 EQT0003 EQT0004 EQT0005 EQT0006 EQT0007 EQT0008 EQT0009 EQT0010 EQT0011 EQT0012 EQT0013 EQT0014 EQT0015 EQT0016 EQT0017 EQT0018 EQT0019 EQT0020 EQT0021 EQT0022 EQT0023 EQT0024 EQT0025 EQT0026 EQT0027 EQT0028 EQT0029 EQT0030 EQT0031 EQT0032 EQT0033 EQT0034 FUG0001 FUG0002

142 [40 CFR 63. Subpart A] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.

143 [40 CFR 70.] Comply with all applicable provisions of 40 CFR 70.

144 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.11

145 [LAC 33:III.1303.B] or intensify an existing traffic hazard condition are prohibited.

146 [LAC 33:III.2113.A] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.

147 [LAC 33:III.219] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.

148 [LAC 33:III.2901.D] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

149 [LAC 33:III.5105.A.1] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.

150 [LAC 33:III.5105.A.2] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard.

151 [LAC 33:III.5105.A.3] Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109.

152 [LAC 33:III.5105.A.4] Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.

153 [LAC 33:III.5107.A.1] Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A.

154 [LAC 33:III.5107.A.2] Submit initial annual emissions report (TEDI) to DEQ within 180 days of December 20, 1991. Identify the quantity of emissions of toxic air pollutants listed in Table 51.1 for the calendar year 1991.

155 [LAC 33:III.5107.A.3] Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Services, Permits Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
Activity Number: PER20080001
Permit Number: 2260-00023-V5
Air - Title V Regular Permit Renewal

GRP0004 Entire Facility

- 155 [LAC 33:III.5107.A.3] Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under both state and federal regulations."
- 156 [LAC 33:III.5107.B.1] Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- 157 [LAC 33:III.5107.B.2] Submit notification: Due to the Office of Environmental Compliance no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, where the emission control bypass was not the result of an upset, except as provided in LAC 33:III.5107.B.6. Notify by telephone at (225) 763-3908 during office hours, (225) 342-1234 after hours, weekends, and holidays, or by email utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance.
- 158 [LAC 33:III.5107.B.3] Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere which does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Notify by telephone at (225) 763-3908 during office hours, (225) 342-1234 after hours, weekends, and holidays, or by email utilizing the Incident Report Form and procedures found at www.deq.state.la.us/surveillance.
- 159 [LAC 33:III.5107.B.4] Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii.
- 160 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 161 [LAC 33:III.5109.B.3] Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology.
- 162 [LAC 33:III.5109.B] Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2.
- 163 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department.
- 164 [LAC 33:III.5111.A.1] Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source.

SPECIFIC REQUIREMENTS

AI ID: 25972 - Judge Digby Gas Plant
 Activity Number: PER20080001
 Permit Number: 2260-00023-V5
 Air - Title V Regular Permit Renewal

GRP0004 Entire Facility

- 165 [LAC 33:III.5111.A.2.a]
- 166 [LAC 33:III.5111.A]
167 [LAC 33:III.5113.B.1]
- 168 [LAC 33:III.5113.B.1]
- 169 [LAC 33:III.5113.B.3]
- 170 [LAC 33:III.5113.B.4]
- 171 [LAC 33:III.5113.B.5]
- 172 [LAC 33:III.5113.C.1]
- 173 [LAC 33:III.5113.C.2]
- 174 [LAC 33:III.5113.C.2]
- 175 [LAC 33:III.5113.C.2]
- 176 [LAC 33:III.5113.C.7]
- 177 [LAC 33:III.5611.A]
- 178 [LAC 33:III.5611.B]
- 179 [LAC 33:III.905]
- 180 [LAC 33:III.919.E]

Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source.

Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.

Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.

Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test.

Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.

Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e.

Analyze samples and determine emissions within 30 days after each emission test has been completed.

Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.

Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.

Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.

Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation.

Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by DEQ.

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.